CESSION NR: AP4039287		
creasing mass mi. Under working conditions the microphone is elastic	ally	¥
aspended, with its membrane facing downward. The specific frequency of a substantially below the lower limit of the microphone working to has: 5 figures and 1 formula.		
SSOCIATION: Leningradskiy institut kinoinzhenerov (Leningrad Institut	te óf	فيب .
inematographic Engineers)		****
JEMITTED: 08Sep63 / DATE ACQ: 12Jun64	ENCL: 02	
JB CODE: IE, GP NO REF SOV: 001	OTHER: 000	
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VAKHITOV, Ya.Sh.

Calculating the limiting values of the polarizing voltage of electrostatic sound converters. Trudy LIKI no.10:37-46 '64.

Double-sided electrostatic loudspeaker with nontensioned (MIRA 18:9) disphragm. Ibid.:47-56

l. Kafedra akustiki Leningradskogo instituta kinoinshenerov.

STEPANOV, V.M.; VAKHITOVA, E.A.; YEGOROV, TS.A.; AVAYEVA, S.M.

Phosphoserine-containing peptide fragment of pepsin. Izv. AN SSSR.
Ser. khim. no.4:759 165.

1. Institut khimii prirodnykh soyedineniy AN SSSR.

	ACCESSION NR: AP5021437 UR/0146/65/008/004/0046/0049
	621.3.079
	AUTHOR: Vakhlakov, G. V.
	TITLE: Extremum regulator based on a quantization-level circuit
	SOURCE: IVUZ. Priborostrojeniye, v. 8, no. 4, 1965, 46-49
	TOPIC TAGS: pulse code modulation, pulse generator, transistorized circuit, logic
	circuit, automatic control equipment
4	ABSTRACT: The details of a new type of extremal regulator built on the principle of
•	quantization levels are discussed. The block diagram of the regulator is divided
	into quantization and logic circuits. The quantization circuit gives information on the displacement of the moving point along the characteristic extremal. The logic
	circuit analyzes various situations and directs the moving point towards the extremal
3.3	peak. A null-indicator detects the transition time of the moving point from back to front on the extremal curve. A second null-indicator, which has the reverse
:	characteristic of the first one, takes over as soon as the voltage starts decreasing,
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	: AP5021437: t moves away from	the extremum.	The regulator	r was successfu	11y operated	
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BYALYI, S. inzhener; SOLOMCHENKO, P., inzhener; VARHLANG, P., inzhener; SOKOSW, N., inzhener.

Work experience of flour mills at grain procurement stations. Muk.-elev. (NLRA 9:9)

prom. 22 no.6:24-26 Je '56.

1.Dmitrovskaya mel'nitsa (for Vakhlakov).

(Flour mills)

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VAKHLAKOVA L.G.,

GOLOVANOVA, M.A.; TERETINOVA, Ye.M.; VARHLAKOVA, L.G.; SHUL'MAN, S.S.;

DURROVA, V.S.

Vaccinotherapy of chronic dysentery; aughors' abstract. Zhur.mikrobiol.epid.i immun. no.8:31-32 Ag '54. (MERA 7:9)

1. Iz Sverdlovskogo meditsinskogo instituta (dir. A.F.Zverev, nauchnyy
rukovoditel' dotsent V.S.Durova)

(DINENTER, BAGILLARY, therapy,

*yacc.)

(VACCINES AND VACCINATION,

*ther. of dysentery, bacillary)

VAKHLAMOV, I.	for designing and adopting new equipment. Sots.trud	
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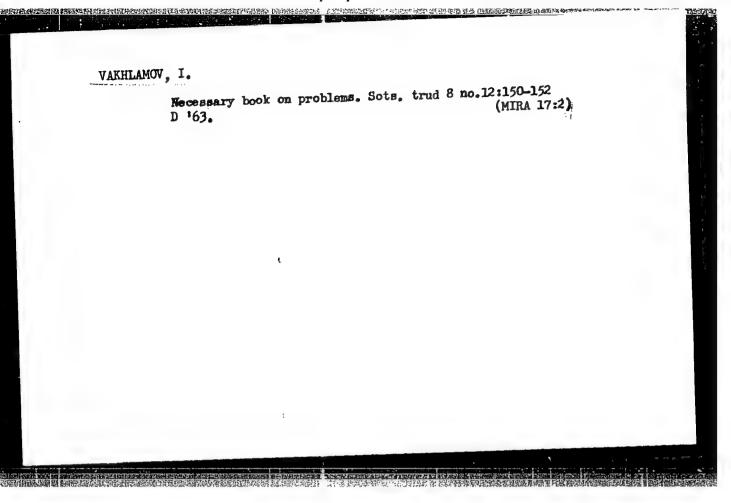
 Bomus payment to workers for creating and introducing technological innovations. Sots. trud 6 no.8:133-138 Ag '61. (MIRA 14:8)	
(Bomus system) (Technological innovations)	

VASIL'YEV, Ye.; VAKHLAMOV, I.

Improve the economic stimulation for the creation and use of modern technology. Sots. trud 7 no.8:40-47 Ag 162.

(MIRA 15:10)

(Technological innovations) (Bonus system)



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Automobile Industry

Competition for rendering operations less laborious. Avt. trakt. prom. No. 5, 1952

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Current tasks of setting technical labor norms in automobile and tractor (MLRA 6:11) production. Avt.trakt.prom. no.10:1-2 0 '53.

1. Ministerstvo mashinostroyeniya. (Automobile industry)

AND THE PROPERTY OF THE PROPER

VAKHLAMOV, I.A.

ZELIKSON, M.Z., inzhener, retsenzent; VAKHLAMOV, I.A., inzhener, redaktor; MODEL: B.I., tekhnicheskiy redaktor

[Acquiring new techniques and improving the economy of enterprises; from experience in socialist competition in plants of the automobile, tractor, and roller-bearing industries]Osvoenie novoi tekhniki i uluchshenie ekonomiki predpriiatii; iz opyta sotsialisticheskogo sorevnovaniia na zavodakh avtomobil'noi, traktornoi i podshipnikovoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1954. 291 p. [Microfilm] (MIRA 8:3) (Socialist competition) (Efficiency, Industrial)

VAKHLAHOV, I.A.

Improving the labor management of auxiliary workers. Avt. trakt.prom. no.1:7-9 Ja 155. (MLRA 8:4)

l. Ministerstvo avtomobil'nogo, traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.

(Automobile industry workers)

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VAKHLAMOV, I.A.

The mean and the second second

Improve production norms in the automotive and tractor industry.

Avt.trakt.prom. no. 4:1-2 Ap *55. (MIRA 8:5)

1. Ministerstvo avtomobilinogo, traktornogo i seliskokhozyaystvennogo mashinostroyeniya. (Automobile industry) (Tractor industry) (Labor productivity)

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MILLER, E.E., kandidat tekhnicheskikh nauk; QAL'TSOV,A.D., redaktor;
BILDEKIS, M.S., inzhener, retsenzent; VANHIAMOV, I.A., retsenzent;
SHUMININ, V.K., retsenzent; PARTMENNO, K.V., redaktor; MATVEYEVA,
Ye.N., tekhnicheskiy redektor

[Setting technical norms in machine building] Tekhnicheskoe normirovanie v mashinostroenii. Pod red. A.D.Gal'tsova. Moskva. Gos.
nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1957. 363 p. (MIRA 10:4)

(Machinery industry—Production standards)

NW NR APHOLIPS

3/0175/54/010/00 172 325

AUTHOR: Vakhlamov, S. V.

U

TITLE: Calculation of jet trajectory in lateral flow

SOURCE: Inzhenerno-fiziohaskiy shurnal, no. 10, 1964, 112-116

TOPIC TAGS: compressible fluid, trajectory equation, jet flow, static pressure

$$(\rho_0 U_0^2 + \rho_0) F_{ad} + \rho_a U_a^2 F_a \cos z_a = \int_{\hat{F}_{bc}} \rho U^a \cos z' dF + \cos z \int_{\hat{F}_{bc}} \rho dF$$
 (1)

$$\rho_a U_a^2 F_a \sin \sigma_a + \int_{F_{ac}} \rho dF = \int_{F_{ac}} \rho U^2 \sin \alpha' dF + \sin \alpha \int_{F_{ac}} \rho dF + \rho_a F_{ab}. \tag{2}$$

where F - flow cross section. The following assumptions are made to facilitate Cord 1/k:

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solution of these equations: the gas velocity on the jet boundaries coincides with its trajectory; the static pressure in the jet is the same as that of the external flow; the change in jet parameters between the nowale and the same of the jet contour is appearance on the parameters between the nowale and the same of the jet contour is appearance.

ential trajectory equation for the jet

$$\frac{dx}{dy} = \operatorname{ctg} \alpha_{e} + \frac{\rho_{o} U_{o}^{2}}{\rho_{o} U_{e}^{2}} \cdot \frac{1}{\sin \alpha_{e}} \cdot \frac{F_{s}}{F_{o}}$$

where F₂ is determined by assuming it to be given by the sum of an area of a trapezoid and a semicircle. In its integrated form, the trajectory equation yields

 $\bar{x} = \operatorname{ctg} z_a \bar{y} + \frac{1}{2} \frac{\rho_0 U_0^2}{\rho_a U_a^2} \frac{1}{\sin z_a} \bar{b}^2.$

The values predicted by this equation are compared to the experimental data of Yu. 7 Ivanov (otloburbo-stroye tive. N., 3, 1952) and O. S. Shandorov (Ind.), 1957) as well as with equation (11) of G. H. Avramovich (Teor.ya turbulentingan strut. Fishatgis, 1960), and agreement is found to be satisfactory. Oriz. Art.

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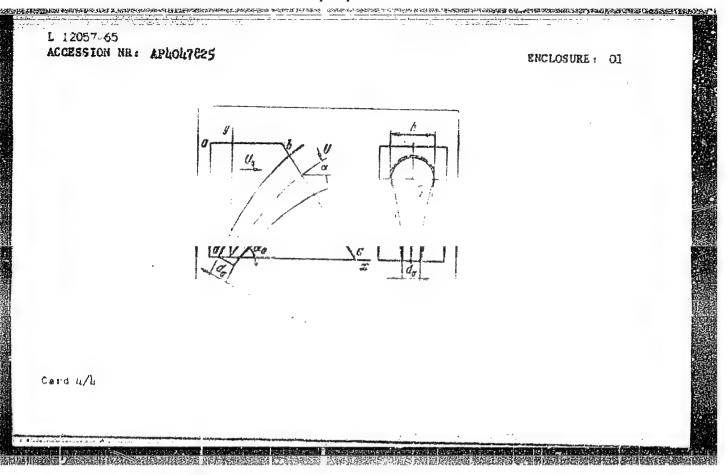
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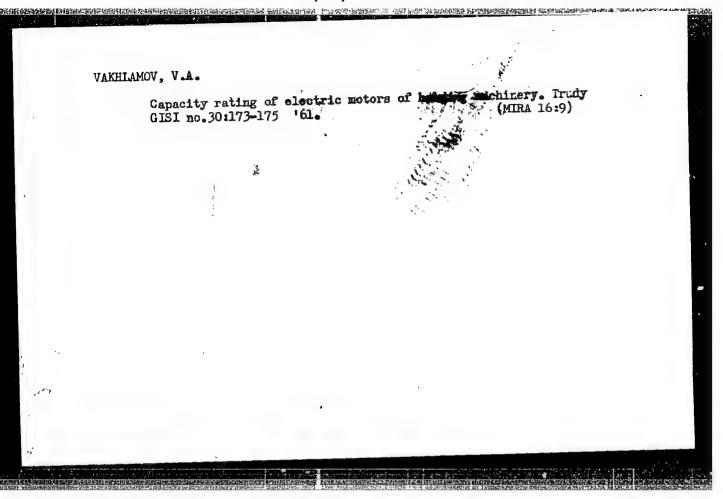
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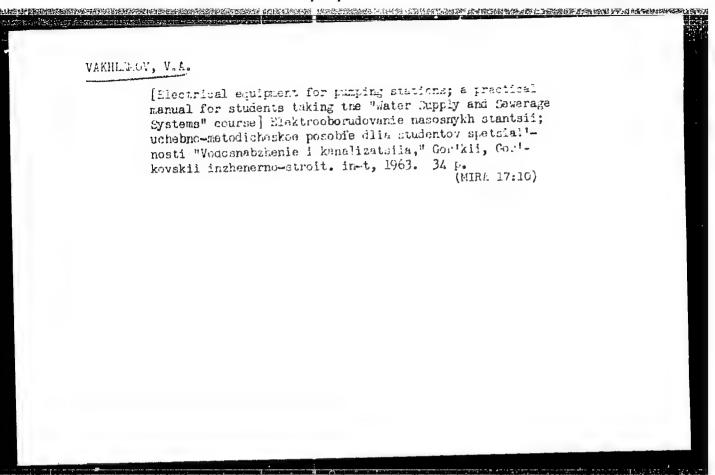
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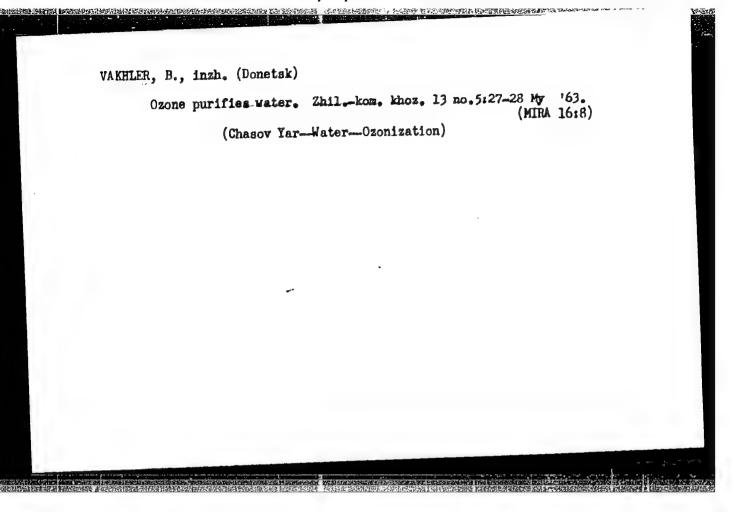




VAKHLAMOV, V.K.; BUCHIN, A.I.

Experimental investigation of friction in the suspensions of automobiles with small cylinder capacity. Avt. prom. 31 no.4:29-32 Ap *65.

1. Moskovskiy avtomobil*no-dorozhnyy institut i Moskovskiy zavod malolitrazhnykh avtomobiley.



VAKHLER, B.A., inzh.

Ozonization of water of the North Donbas Canal. Khidrotekh i melior 8 no.6:190-191 *63.

18(5); 25(2)

PHASE I BOOK EXPLOITATION

SOV/1775

Vakhler, Boris L'vovich

- Nasosy i nasosnyye stantsii metallurgicheskikh predpriyatiy (Pumps and Pumping Stations of Metallurgical Plants) Moscow, Metallurgizdat, 1958. 255 p. Errata slip inserted. 7,500 copies printed.
- Ed.: I.G. Sal'nikov; Ed: of Publishing House: A.A. Vagin; Tech. Ed.: M.K. Attopovich.
- PURPOSE: This book is approved by the USSR Ministry of Higher Education as a text for students of ferrous metallurgical tekhnikums and may also be used by engineering and technical personnel of metallurgical plants studying to improve their qualifications.
- COVERAGE: The book covers basic data on pumps and pumping stations of the water supply and sewage systems of metallurgical plants, presents methods of selecting pumps, and describes the arrangement of pumping equipment, electric power supply, automation and operation

Card 1/8

Pumps and Pumping stations (Cont.)

sov/1775

of pumping stations. Construction, operating principles, and performance characteristics of centrifugal, axial and piston pumps are presented. In preparing the book the author made use of operating data of several metallurgical plants of the Donmassvodtrest (Donbass Water Resources Trust), and the latest published data and design waterials of the following Institutes: Gipromez (State Institute for the Design and Planning of Metallurgical Plants), vodokanalprojekt (All-Union Trust for the Design, Planning, and Study of Water Supply (All-Union State Institute for the Design and Planning of Thermal (All-Union State Institute for the Design and Planning of Thermal Electric Power Plants), Giprostal' (State Institute for the Design and Planning of Steel Industry Establishments). The author thanks and Planning of Steel Industry Establishments). The author thanks reviewers I.M. Ushakov and I.N. Izotov. S.S. Rudnev, A.Ye. Korovayev, and M.G. Kochneyev are mentioned as having made original theoretical investigations on the design of centrifugal pumps. It is stated that VIGM (All-Union Scientific Research Institute of Hydraulic Machinery Building) plays the leading role in the development of modern designs of pumps. There are 28 Soviet references.

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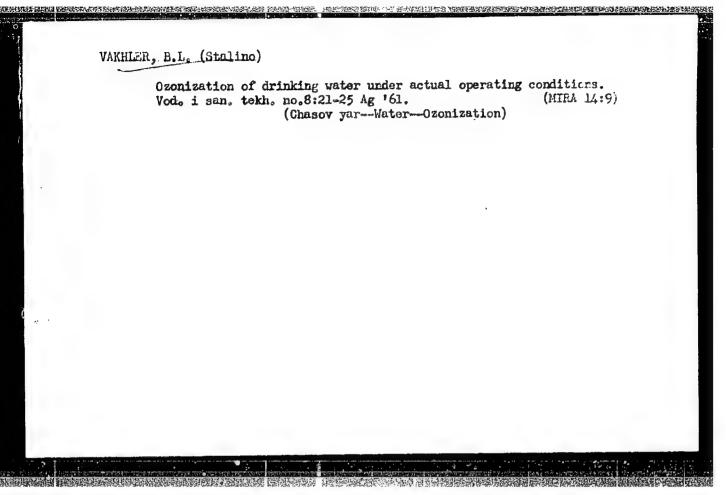
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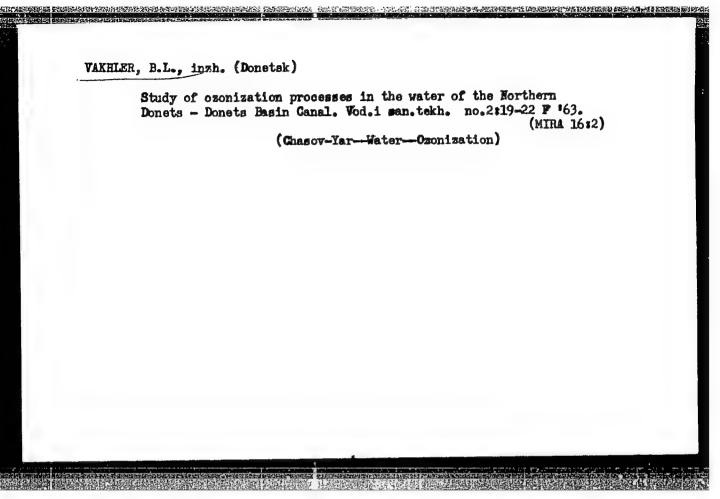
VAKHLER, Boris L'vovich; INDENBAUM, V.S., red.; GOLYATKINA, A.G., red. izd-va; HIKHAYLOVA, V.V., tekhn. red.

[Pumping and compressor plant operator; mintal for improving the qualifications of workers] Mashinist nasosnykh i kompressornykh stantsii; uchebnos posobie dlia povysheniia kvalifikatsii rabochikh. Moskva, Gos. nauchmo-tekhn. izd-vo litry po chernoi i tsvetnoi metallurgii, 1961. 224 p.

(MIRA 14:9)

(Air compressors) (Pumping machinery)





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[Pumping stations in metallurgical enterprises; handbook]

Nasosnye stantsii metallurgicheskikh predpriatii; spravochnik, Moskva, Metallurgizdat, 1964. 268 p.

(MIRA 17:4)

VAKHLER, Boris L'vovich, kand. tekhn. nauk; SOLUYANOV, P.A., inzn., retsenzent; MATVEYEV, N.A., kand. tekhn. nauk, retsenzent; KOZHINOV, V.F., doktor tekhn. nauk, retsenzent

[Ozonization of the water of the Northern Donets-Donets Basin Canal for drinking purposes] Ozonirovanie vody kanala Severnyi Donets-Donbass dlia pit'evykh tselei. Moskva, Stroiizdat, 1965. 83 p. (MIRA 18:12)

BATENKO. V.F., inzh.; GVOZDEV, V.F., inzh.; VAKHLER. V.A., inzh.; PILISHCHIKOV. A.P., inzh.; ROGATSKIN, B.S., inzh.; BELYAKOVA, L.F., inzh.; KATKOV, G.S., inzh.

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34227. Kimiko-toksikologicheskiye issledovaniya Po Delam ob otravleniyakh.
Kriminalistika i Nauch.-Sudeb. Ekspertiza. S.B. Z. Kiyev, 1949, c.
249-70

SO: Knizhnaya Letopis' No 6, 1955

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Application of one formula. Mat. v shkole no.1:56-57 Ja-F '61.

(MIRA 14:3)

(Equations)

SOKOLOV, I.F.: VAKHMAN, D.Ye.

Optimum linear simphase antennas with continuous current distribution, Radiotekh, i elektron, 3 no.1:46-55 Ja '58. (MIRA 11:2)

(Radio--Antennas)

VAKHUMAN, I.S.

Neurological disorders in acute leukemia. Sov. med. 28 no.8: 111-118 Ag '65. (MIRA 18:9)

1. Nevrologicheskoye otdeleniye (nauchnyy rukovoditel' - prof. M.B.TSuker) i gematologicheskoye otdeleniye (rukovoditel' - prof. Ye.A.Kost) Klinicheskoy bol'nitsy imeni Botkina (glavnyy vrach - dotsent Yu.G.Antonov), Moskva.

SKUCHAYEVA, Ye.D.; VAKHMAN, I.S.

Use of medical gymmastics in inferior paraplegia. Hed. sestra 21 no.5: 48-58 My '62. (MIRA 15:5)

1. Iz otdeleniya lechebnoy fizkul'tury bol'nitsy imeni S.P.Botkina, Moskva.

(EXERCISE THERAPY) (PARAPLEGIA)

VAKHMAN, I.S.

(Moskva)

Clinical aspects of nervous system diseases in chronic leukemia. Klin. med. 41 no.9x104-110 S*63 (MIRA 17:3)

1. Iz nevrologicheskogo otdeleniya (nauchnyy rukovoditel' prof. M.B. TSuker) i gematologicheskogo otdeleniya (rukovoditel' - prof. Ye.A. Kost) Klinicheskoy bol'nitsy imeni S.P.
Botkina (glavnyy vrach - dotsent Yu.C. Antonov), Moskva.

VAKHMAN, I.S.

Cerebellar hemorrhages in acute leukemia. Zhur. nevr. i psikh. 65 no.9:1340-1345 165. (MIRA 18:9)

的从强铁的礼载得的"就想的记忆是还是是我们的战争将者是那些不完全是是这些的时候,我们也没有一个流生,不是是不是一个一个一个一个一个一个一个一个一个一个一个一个一个

1. Nevrologicheskoye otdeleniye nauchnyy rukovoditel' - prof. M.B. TSuker) i genatologicheskoye otdeleniye (rukovoditel' - prof. Ye.A. Kost) bol'nitsy im. Botkira (glavnyy vrach -dotsent Yu.G. Antonov), Moskva.

ANDREYEV, L.L.; VAKHMAN, V.I.; CHEPURIN, P.I.; MIROSHNICHEIKO, V.F.;
BOGACHEV, A.S.; VOL'VACH, Ye.Ye., agronom-entomolog; CHEBOTARRY,
M.Ya., agronom-entomolog (Georgiyevskiy rayon); ZGADOV, G.L.,
agronom po zashchite rasteniy

Killing shield bugs in combines. Zashch.rast.ot verd. i bol. 7 no.6:30-31 Je '62. (MIR. 15:12)

1. Zaveduyushchiy Severo-Kavkazskim opornym punktom Vsesoyusnogo instituta zashchity rasteniy (for Andreyev). 2. Zamestitel' direktora, glavnyy agronom sovkhoza "Kurskoy" (for Vakhman). 3. Amestitel' direktora, glavnyy agronom oporno-pokazatel'nogo sovkhoza "Chil'-nenskiy" (for Chepurin). 4. Glavnyy inzh. sovkhoza "Kurskiy" (for Bogachev). 6. Severo-Kavkazskiy opornyy punkt Vsesoyuznogo i stituta zashchity rasteniy (for Vol'vach). 7. Sovkhoz "Starodubskiy" (for Zgadov).

(Stavropol Territory-Wheat-Diseases and pests) (Stavropol Territory-Eurygasters)

CANAL STATE OF THE SEASON OF T

FUKS, I.M.; VALEYEVA, F.N.; POPKOVA, F.V.; VOLKOVA, L.P.; BELOGOLOVSKAYA, T.A.; ROMASHKEVICH, I.K.; inimali uchastiye: MOROZOVA, L.M.; DASHEVSKAYA, S.I.; VAKHMINA, L.S.; KARAVAYEVA, G.V.; IVANOVSKIY, A.K.; ZHUKHINA, G.Ye.; SOLOVYEVA, G.M.; ANDRIYANOVA, M.V.; AKHMETOVA, V.M.; NEMIROVSKAYA, M.Ye.; MUSORINA, L.S.; KALASHNIKOVA, Ye.I.; PESHKO, A.P.; IVANOVA, N.V.; ALKESEYEVA, N.I.; SADOVNIKOVA, G.N.

Study on the possibility of reducing the diphtheria vaccine dose in revaccination of 9 to 12 year-old schoolchildren. Zhur. mikrobiol., epid. i immun. 41 no.11:103-107 165. (MIRA 18:5)

1. Ufimskiy institut vaktsin i syvorotok imeni Mechnikova.

VAKHMINTSEV G.S.

SERGEYEV, A.A., red.; ANPILOGOV, I.M., red.; ASSONOV, V.A., red.; BABAYANTS, N.A., red.; BABCKIN, I.A., red.; BALAMUTOV, A.D., red.; BOGOROD—SKIY, N.N., red.; BOLONENKO, D.N., red.; BUCHNEV, V.K., red.; VAKHMINTSEV, G.S., red.; VORONKOV, A.K., red.; GARKALENKO, K.I., red.; GORBATOV, P.Ye., red.; GOLOVLEV, V.Ye., red.; DOKUCHAYEV, M.M., red.; DUBNOV, L.V., red.; YEVTEYEV, A.D., red.; YEREMENKO, Ye.K., red.; ZENIN, N.I., red.; KRIVONOGOV, K.K., red.; KUPALOV-YAROPOLK, I.K., red.; MATSYUK, V.G., red.; NIKOLAYEV, S.I., red.; ONISHCHUK, K.N., red.; PETROV, K.P., red.; PILYUGIN, B.A., red.; PLATONOVA, A.A., red.; POLESIN, Ye.L., red.; POKROVSKIY, L.A., red.; POMETUN, D.Ye., red.; POLYUSHKIN, A.Kh., red.; REYKHER, V.P., red.; SEDOV, N.A., red.; SIDOLENKO, I.T., red.; FIDELEV, A.A., red.; CHAKHMAKHCHEV, A.G., red.; CHEMODUROV, M.Ye., red.; SHUMAKOV, A.A., red.; YARE—MENKO, N.Ye., red.; PARTSEVSKIY, V.N., red.; ATTOPOVICH, M.K., tekhn.red.

[Standard safety regulations for blasting operations] Edinye pravila bezopasnosti pri vzryvnykh rabotakh. Izd.2. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1958. 318 p. (MIRA 13:1)

1. Russia (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru. (Mining engineering--Safety measures)

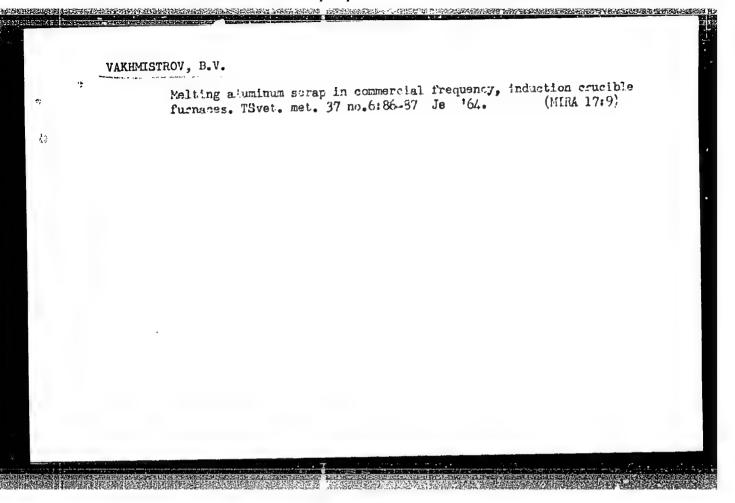
BON TALLAR ESPERABLES ESTABLISHES EL MINERES HARRESPONDES MARCES TERROSPONDOS.

VAKHMINTSEV. V.A., slesar'

Machine for cutting metal screens. Suggested by V.A. Vakhmintsev.

Rats.i izobr.predl.v stroi. no.16:47-48 '60. (MIRA 13:9)

1. Stalingradskoye stroitel'no-montazhnoye upravleniye tresta Stroytermoizolyatsiya, Moskva, ul.Yermolovoy, d.22. (Outting machines)



APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858410011-2"

VAKHMISTROV, D.B.

Increasing the productivity of plants. Prire 50 no.12:53-55
(MIRA 14:12)

1. Institut fiziologii rasteniy im. K.A.Timiryazeva AN SSSR,
Moskva.

(Plant physiology)

VAKHMISTROV, D.B.; ZHURBITSKIY, Z.I.

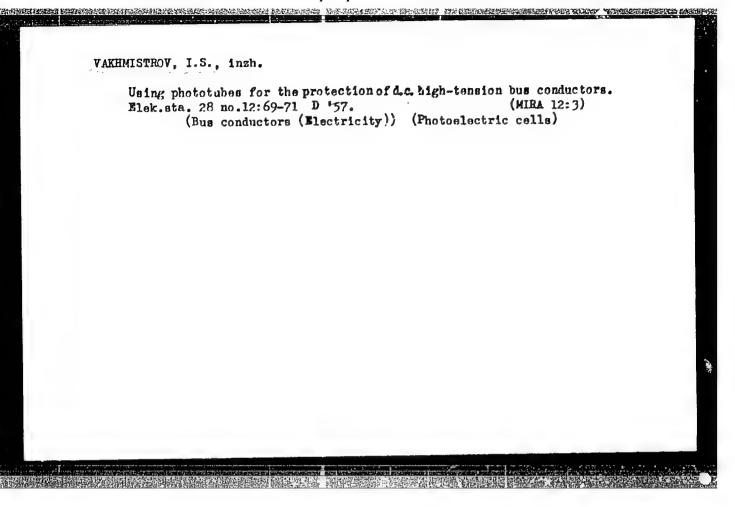
Extent of the selective absorption capacity of plants for the elements of mineral nutrition. Dokl. AN SSSR 151 no.5:1228-1231 Ag 163. (MIRA 16:9)

1. Institut fiziologii rasteniy im. K.A.Timiryazeva AN SSSR. Predstavleno akademikom A.L.Kursanovym.
(Plants—Nutrition) (Minerals in plants)

VAKHMISTROV, D.B.

Magnitude of the "apparent free space" of plant roots. Fiziol. rast. 12 no.5:805-813 S-0 '65. (MIRA 19:1)

l. Institut fiziologii rasteniy imeni Timiryazeva AN SSSR, Moskva.



(E)

GATIAND, K.W.; DUGOSHIN, V.N. [translator]; MAKSIMOV, M.I. [translator]; VAKHMISTROV, V.V. [translator]; GRISHIN, A.P., doktor tekhnicheskikh nauk, redaktor; KRUGLIKOV, F.F., redaktor; KLIMENKO, S.V., tekhnicheskiy redaktor

的时间,我们就是一个人的人,我们也没有一个人的人,我们也没有一个人的人,我们们的人们的人,我们们的人们的人们的人们的人,我们们也没有一个人的人,这个人的人们的人

[Development of the guided missile. Translated from the English]

Razvitie upravliaemykh unariadov. Perevod a angliiskogo V.N.Duboshina
i dr: Pod red. A.P.Grishina. Moskva, Izd-vo inostrannoi lit-ry,
1958. 369 p. (MLRA 9:12)

(Quided missles)

BAKANOV, R.A.; BURYAKOV, Yu.F.; VAKHMISTROV, V.V.; VOLODIN, N.V.;

KUROCHKIN, V.D.; SAVELOV, V.P.; SUDZILOVSKIY, G.A.;

MARCHENKO, V.G., red.; BALASHOVA, M.V., red.—leksikograf;

EERDNIKOVA, N.D., red.—leksikograf; CHAPAYEVA, R.I.,

tekhn. red.

[Concise English-Russian and Russian-English military

dictionary Kratkii anglo-russkii i russko-angliiskii voennyi slovar'. Moskva, Voen.izd-vo M-va oborovy SSSR, 1963.

(MIRA 16:4)

(MIlitary art and science—Dictionaries)

(English language—Dictionaries—Russian)

(Russian language—Dictionaries—English)

TSAREY, G.P.; ANDRONNIKOV, V.V.; KOBYCHEVA, A.A.; ANNENKOVA, A.A.;

VAKHMISTROVA, M.P., red.; MKDVEDEVA, S.G., red.; BEKMUKHAMEDOV,

K., red.; EL'KOHINA, P.I., red.

[Kazakhstan; on the 40th anniversary of the Great October Socialist Revolution; a concise reference manual and bibliography] Kazakhskaia SSR; k 40-letiiu Velikoi Oktiabr'skoi sotsialisticheskoi revolutsii; kratkie spravochnye svedeniia i ukazatel' literatury. Alma-Ata, 1957. 233 p. (MIRA 11:10)

Alma—Ata. Gosudarstvennaya respublikanskaya biblioteka.
 (Kazakhstan—Statistics) (Bibliography—Kazakhstan)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858410011-2"

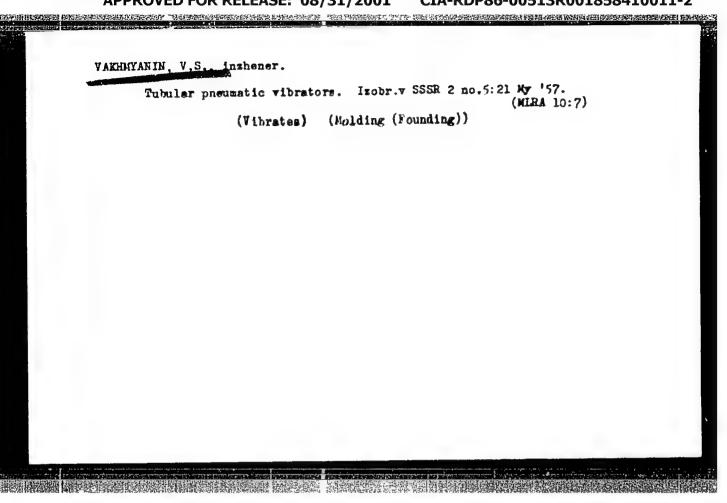
VAKHMISTROVA, M.P. Prinimali uchastiye: DEYEVA, Z.N.; YAKOVLKVA, A.F. CHEZHIK, F., otv. za vypusk

[Reclamation of virgin and waste lands in Kazakhstan; bibliography]
Osvoenie taelinnykh i zaleshnykh semel Kazakhstana; ukazatel
literatury. Alma-Ata, 1959. 162 p.

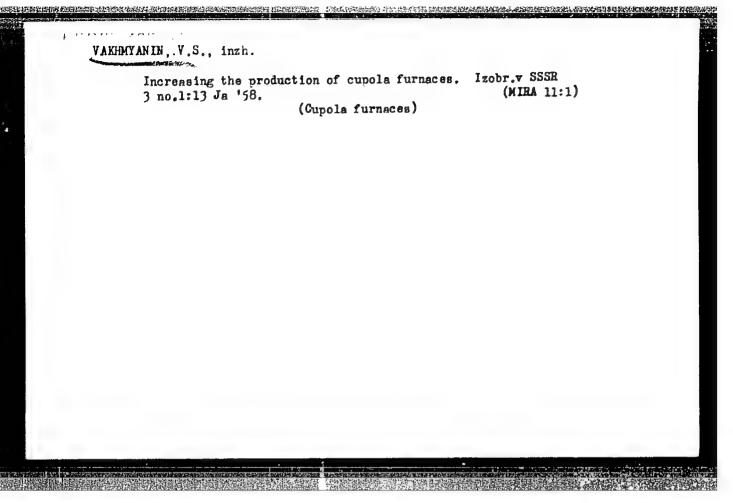
(MIRA 13:11)

1. Alma-Ata. Gosudarstvennaya respublikanskaya biblioteks.
(Bibliog:aphy--Kazakhstan--Reclamation of land)

3 (2) SOV/6-59-5-17/26 AUTHOR: Vakhmyanin, A. I. On the Production of Labels With Inscriptions by the Photo-TITLE: composing Method (Ob izgotovlenii nakleyek nadpisey fotonabornym sposobom) Geodeziya i kartografiya, 1959, Nr 5, p 50 (USSR) PERIODICAL: At the Kazakhskoye AGP (Kazakh Aerogeodetic Enterprise) the ABSTRACT: tasks involved in the production of labels by the photocomposing method, viz. the composing of photo-letters, exposing, and the finishing of the prints, are carried out by each photo-technician individually. In the paper, the author describes the way in which he carries out these tasks. He achieves a production exceeding the target by 200 to 220 %. Card 1/1



Milling cutters for straighted dies with apherical clamps	Drawing J1 '58. (MIRA 11:9)	
(Grinding wheels)	(Dies (Metalworking))	(HINA III)



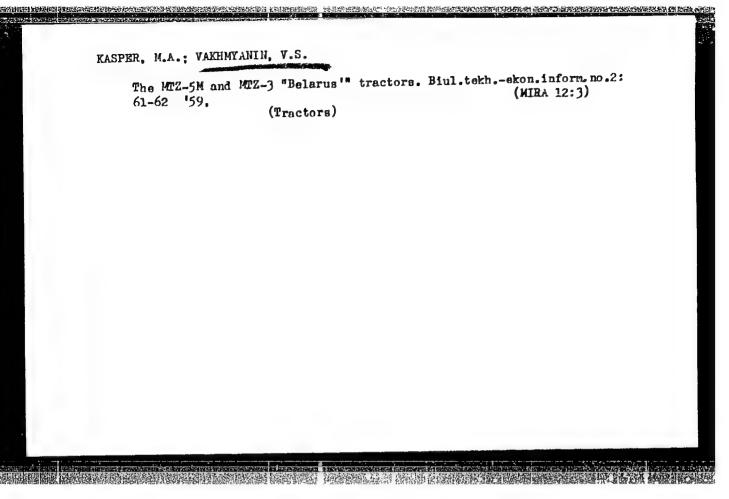
VAKHMYANIN, V.S., inch.

3 no. 4:18 Ap *58.

(Rivets and riveting)

(Punches)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858410011-2"



VAKHMYANIN, V.S., inzh.; TSYVLIN, M.H., inzh.

Semiantomatic production line for polishing radio-phonograph cases. Der.prom. 8 no.3:17-18 Mr '59. (MIRA 12:4)

(Grinding and polishing)

MYANIN, V.S. Automatic Der.prom.	machine for glu 9 no.2:16 F (Parquet floo	ing mosaic; 160. ors) (Gluin	parquetry on (MIE g)	paper tape. A 13:6)	

A year passed. Okhr. truda i sots. strakh. no.4:55-57 Ap '59. (MIRA 12:8)
l.Doverennyy vrach Novosibirskogo oblsovprofa. (Novosibirsk ProvinceMedicine, Industrial)

VAKHNENKO, P.F., inzh.

Calculation for oblique eccentric compression of reinforced concrete elements of rectangular cross section with assymmetrical reinforcements. Stroi. konstr. no.1:44-53 **165.

(MIRA 19:1)

1. Poltavskiy inzhenerno-stroitel'nyy institut.

Vakhnenko, V.I., ingh.

Results of rail observation. But i put.khoz. 8 nc.12:8.9 (64.)
(MIRA 18:1)

HARRIGATION IN HARRICAN PROPERTY AND A SECOND PROPERTY OF THE PROPERTY OF THE

Variance, V.I., inzh.

Operational etrength of stancerd make R50 rails. Trudy TSNIE MES no.292:154-165 365.

(MIR4 18:10)

VAKHNENKO, V.I., inzh.

Prevent contact-fatigue defects. Put' i put. khoz. 9 no.11:41-42 '65. (MIRA 18:11)

VAKENETEV, B.A., inzh.; TRYNOV, M.A., inzh.

The VPM-TeNIIME felling and loading machine. Mekh.trud.rab. 11 (MIRA 10:11)

10.8:40-44 Ag '57. (Lumbering--Machinery)

ROGGETIN, A.V., inshener; VALENETSV, B.A., inshener

General machinery for lumber felling operations. Neith, trud, rab.9 (MLRA 8:12)

(Lumbering-Machinery)

VANHATUREV, B.A., PYLTURECV, G.S.

30354

Pégruzka dryevyesiny na nizhnyem lyesnom skladye. Iz opyta Shar'in. Lyesckombinata. Myekhanizatsiya trudoyemkikh. Tyazhyelykh rabot, 1 49, No 9, s. 22-25

SC: LETCPIS' No. 34

VAKHNIN, A. (g.Salekhard, Yamalo-Nenetskiy okrug)

Construction workers of the Yamal rest in the sanatoriums of the south. Okhr.truda i sots.strakh. 4 no.7:19 Jl '61. (MIRA 14:7) (Yamal-Menets National Area—Construction workers)

The same of the substitution of the substituti

VAKHNIN, E.; SOLOV'YEV, N.; KLOCHKOV, A.

Reconstructing a two-row cow barn into a four-row barn. Sel'. stroi. 15 no.9:4-6 S '60. (MIRA 13:9)

1. Direktor sovkhoza "Nizhegorodets" Dal'ne-Konstantinovskogo rayona, Gor'kovskoy oblasti (for Vakhnin). 2. Glavnyy inzhener sovkhoza "Nizhegorodets" Dal'ne-Konstantinovskogo rayona, Gor'kovskoy oblasti (for Solov'yev). 3. Starshiy prorab sovkhoza "Nizhegorodets" Dal'ne-Konstantinovskogo rayona, Gor'kovskoy oblasti (for Klochkov).

(Arctic regions--Fur farming)

VAKHNIN, M. I., ed.

Ustroistve STSB (signalizatsii tsentralizatsii i blokirovki) i ikh ispol'zovanie. _ Signaling, centralization and block system equipment and its use__. Utverzhdeno v kachestve uchebnika dlia vtuzov zheleznodorozhnogo transporta. Moskva, gos. transp. zhel-dor. izd-vo, 1948. 415 p. illus.

DLC: TF615, V27

SO: SOVIET TRANSPORTATION AND COMMUNICATION, A BIBLIOGRAPHY, Library of Congress Reference Department, Washington, 1952, Unclassified.

VAKHNIN, M.I.

Inventions and improvements of Russian scientists in the field of rail-road automatic signaling, telemechanics and electric communication.

Trudy po ist.tekh. no.11:97-114 *54. (MLRA 7:9)

(Railroads--Signaling)

VAKHNIN, M.I.; POKROVSKIY, M.A.; TALYKOV, A.A.; PENKIN, N.F.; PUTIN, D.K.
VAKHNIN, M.I., professor, doktor tekhnicheskikh nauk, redaktor;
GERONIMUS, B.Ye., kandidat tekhnicheskikh nauk, redaktor; KHITROV,
P.A., tekhnicheskiy redaktor.

[Signaling, central control and block system for use with d.c. electric traction] Ustroistva STsB pri electricheskoi tiage peremennogo toka. Moskva, Gos.transp.zhel.-dor.izd-vo, 1956. 219 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodoroshnogo transporta. Trudy, no.126). (MIRA 10:1)

(Electric railroads--Signaling)

32 (3)

SOV/112-57-5-10946

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1957, Nr 5, p 198 (USSR)

AUTHOR: Vakhnin, M. I., Penkin, N. F., Pokrovskiy, M. A., Pugin, D. K., Talykov, A. A.

TITLE: Railroad Signaling Equipment with AC Traction System (Ustroystvo STsB pri elektricheskoy tyage peremennogo toka)

PERIODICAL: Tr. Vses. n.-i. in-ta inzh. zh.-d. transpr., 1956, Nr 126, p 220, ill.

ABSTRACT: Bibliographic entry.

Card 1/1

VAKHNIN, M.I., professor, doktor tekhnicheskikh nauk.

Semiconducters and their prospective use in railread transportation.

Tekh.zhel.der.15 no.4:4-8 Je '56. (MIRA 9:9)

(Semiconducters)

VAKHNIN, Mikhail Ivanovich, professor; ISIANKINA, T.F., redaktor; GUBIN, N.I., tekhnicheskiy redaktor

[Automatic and remote control in the organization of train traffic in railroad transportation] Avtomatika i telemekhanika v organizatsii dvizheniia poezdov na zheleznodoroshnom transporte. Moskva, Izd-vo "Znanie," 1957. 23 p. (Vsesoluznos obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, no.2)

(Railroads - Automatic train control)

VAKHNIN Mikhail Ivanovich; VLODAVSKIY, Moisey Il'ich; IL'YENKOV, Viktor Ivanovich; KOTLYARENKO, Nikolay Fedorovich; MAYSHEV, Petr Vladimirovich; ERYLBYEV, A.M., doktor tekhn.nauk, retsenzent; RAKITO, E.I., redaktor; CHEKMENEW, N.M., redaktor; VERINA, G.P., tekhnicheskiy redaktor.

[Automatic control and telemechanics for railroad lines] Avtomatika i telemekhanika na peregonakh] Avtomatika i telemekhanika na peregonakh. Pod obshchei red. M.I. Vakhnina. Moskva, Gos. transp. zhel-dor.izd-vo. (MIRA 10:1%)

(Railroads--Signaling--Block system)

32(3)

SOV/112-58-3-4574

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Translation from: Referativnyy zhurnal. Elektrotekhnika, 1958, Nr 3, p 172 (USSR)

AUTHOR: Kukin, A. N., and Vakhnin, M. I.

TITLE: Electrical Insulation Resistance of Reinforced-Concrete Ties (Ob elektricheskom soprotivlenii izolyatsii zhelezobetonnykh shpal)

PERIODICAL: Vestn. Vses. n.-i. in-ta zh.-d. transp., 1957, Nr 3, pp 9-16

ABSTRACT: Reinforced-concrete ties with wooden bushings for fastening the rails to the ties cannot, in their present form, function reliably as far as automatic block system is concerned because of a low insulation of concrete and bushings. Impregnating the ties with substances that tend to increase the concrete insulating properties cannot insure sufficient insulation for a long period. Experience has shown that beech bushing impregnated with a 50-per cent Nr-3 bitumen solution in anhydrous anthracene oil can be recommended for experimental sections; also bushings impregnated with a 50-per cent solution of Groznyy petrolatum in anhydrous anthracene oil can be recommended. The

Card 1/2

32(3)

SOV/112-58-3-4574

Electrical Insulation Resistance of Reinforced-Concrete Ties

hole in the concrete tie should be treated with hot bitumen before the wooden bushing is driven into it. Experiments that served to study concrete properties are described, and curves of the electrical resistance of concrete depending on various conditions are given. Similar studies conducted in Hungary are cited.

T.A.K.

Card 2/2

VAKHNIN, M.I., pref., doktor tekhn. nauk.

Prospects for developing a system of railread signaling, Vest.
75NII MFS 17 no.8:19-22 D '58. (MJRA 12:1)

(Hailreads--Signaling)

 Surge protection of transistorized communications and automatic control systems. Vest.TSEII MPS 19 no.4:7-10 (MIRA 13:7) (Transistors) (Railroads—Electric equipment) (Electric protection)	
!	

BORISOV, Dmitriy Petrovich, doktor tekhn. nauk, prof.; YERFYLOV, Konstantin Nikolayevich, kand. tekhn. nauk; KORMILITSIN, Aleksandr Yakovlevich, kand. tekhn. nauk, dotsent; VAKHNIN, M.I., doktor tekhn. nauk, prof., retsenzent; LISTOV, V.N., doktor tekhn. nauk, prof., retsenzent; NEUGASOV, N.M., kand. tekhn. nauk, dotsent, retsenzent; MARENKOVA, G.I., inzh., red.; NOVIKAS, M.N., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Automatic and remote control and communications in railroad transportation] Avtomatika telemekhanika i sviaz' na zheleznodorozhnom transporte. Moskva, Vses. izdatel'sko-poligr. obmedinenie M-va putei soobshcheniia, 1961. 283 p. (MIRA 14:7)

(Railroads—Signaling) (Railroads—Communication systems)
(Railroads—Electronic equipment)

WAKHNIN, M.I., doktor tekhn.nauk, prof.

Regularities of protective action in the silicon diodes and their basic characteristics. Vest.TSNII MFS 20 no.5:9-14 '61.

(Lightning protection) (Diodes) (MIRA 14:8)

SHMYREV, Aleksandr Georgiyevich; <u>VAKHNIN, M.I.</u>, doktor tekhn. nauk, prof., retsenzent; <u>YEFREMOV</u>, M.I., retsenzent; <u>MARENKOVA</u>, G.I., inzh., red.; <u>KHIIROVA</u>, N.A., tekhn. red.

[Handbook on automation and remote control on railroads]
Spravochnik po zheleznodorozhnoi avtomatike i telemekhanike.
Moskva, Vses. izdatel'sko-poligr. obmedinenie M-va putei
soobshcheniia, 1962. 311 p. (MIRA 15:3)
(Railroads) (Automation) (Remote control)

VAKHNIN, M.I., doktor tekhn.nauk; SHISHLYAKOV, A.V., kand.tekhn.nauk

Characteristics of the numerical code system of automatic block signaling with code translation. Vest.TSNII MPS 21 no.2:11-16 (MIRA 15:4)

(Railroads-Signaling-Block system)

VAKHHIH, V.F.

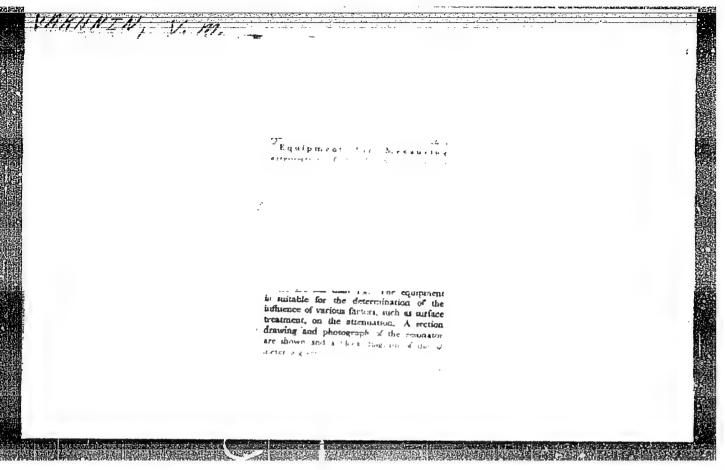
Electrical Engineering Abstracts May 1954 Electric Waves and Oscillations 0,1

2964. Characteristic functions of real resonators.

M. M. YAKIRUN. Dok! Akad. Nauk SSSR, 91, No. 4,
779-82 (1953) In Russian. English translation, U.S. National Sci. Found. NSF-tr-166.

In mathematical physics, use is made of the characteristic functions of ideal resonators in which there are no energy losses at the boundaries of the resonator. This paper considers the problem of real resonators which satisfy the dissipative boundary conditions and possess orthogonality. An infinite two-wire transmission line with energy losses caused by distributed conductivity is considered. Two main types of function are derived and their properties briefly described and illustrated by reference to diagrams of the oscillatory functions. This treatment gives more accurate solutions of several practical problems than the present method based on the ideal resonator.

H. J. H. STARKS AN



VIIKHHIN, V. M.

Category: USSR/Radiophysics - Radiation of Radio Waves. Antennas I-5

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4526

Author : Vakhnin, V.M.

Title : Concerning One Variant of Standing Waves ("Moving" Waves).

Orig Pub : Tr. Mosk. energ. in-ta, 1956, vyp. 21, 54-57

Abstract: The case of standing waves under study is among the simplest lossless one-dimensional systems such as a string, as two-conductor line, etc. Unlike the generally-known case, the boundary conditions of the "short circuit" type pertain to two points moving along the system with a constant velocity v. When transforming from stationary coordinates to coordinates moving together with the boundary points, the wave equation

assumes the form $\frac{\partial^2 u}{\partial t^2} C = (C^2 - v^2) \frac{\partial^2 u}{\partial x^2} - 2 \sqrt{\frac{\partial^2 u}{\partial x \partial t}}$

If u is considered real, then the variables are not separable, and therefore it is convenient to employ the "requirement of simusoidal character of oscillations" if standing waves are to be obtained, i.e., it is necessary to specify that the process at each point of observation be sinusoidal with time, without connecting this requirement with the

Card : 1/2

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Category: USSR/Radiophysics - Radiation of Radio Waves. Antennas

I-5

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4526

separation of variables. The standing wave obtained in such a manner satisfies the moving boundary conditions and can be represented as a superposition of two waves of different lengths traveling in opposite directions. Such a wave differs from a simple standing wave in the presence of a phase shift, which increases linearly along the coordinate, and also by the fact that when the distance between the boundary points is constant the frequency of the oscillations has a speed dependence represented by the factor $(1 - v_2/c_2)$.

Card : 2/2

VÀO CHIN, VIII

"Physical Meaning of the Anomalous Law of Variation of Attenuation With Frequency for Mode Ho Waves in a Circular Waveguide," by V. M. Vakhnin, <u>Tr. Mosk. Energ. In-ta</u>, No 21, 1956, pp 58-61 (from <u>Referativnyy Zhurnal -- Fizika</u>, No 10, Oct 56, Abstract No 29500)

The decrease of ohmic losses with higher frequency of mode $H_{\rm om}$ waves in circular waveguides with axial symmetry is explained by the fact that at $\omega \to 00$ losses bound to the current component directed along the waveguide axis are proportional to ω 1/2, and the losses bound to the transverse component to ω - 3/2. As long as longitudinal components for $H_{\rm om}$ waves are lacking, the losses decrease as the frequency increases.

5411.1305

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"Device for Measuring Attenuation of Wave Hol in Short Sections of Waveguides by the Resonant Cavity Method," by V. M. Vakhin and T. F. Kolodina, Radiotekhnika i Elektronika, No 12, Dec 56, pp 1485-1491

The article describes a method of measuring attenuation, and the construction of a device for testing 50 mm cylindrical waveguides with Hol mode 3-cm waves. The method is based on comparison of the resonance curve of the tested cavity with that of the integrating RC circuit on the screen of a cathode-ray tube. The accuracy of this device is not less than 3.3% for general cases, and only 1% for some specific cases.

This device permits the investigation of the influence of various factors, as surface condition, oxide layer, coating, etc., on the attenuation of mode Hol waves.

This method was worked out in the USSR during the years 1951-1953.

SYM 1305